

**WHAT IS CLAIMED IS:**

1. A method for storing an access record, applied in a network communication device connecting a host system with a client system, the  
5 network communication device having a MCU and a NVRAM, said method comprising the steps of:

(a) writing boot-up time in the NVRAM by means of the MCU while booting said host system;

(b) acquiring a operation status between said host system and said client  
10 system by detecting file data passing with the MCU;

(c) writing login time in the NVRAM by means of the MCU when a user accesses said client system via said host system;

(d) writing the access record transmitted between said host system and said client system in the NVRAM by means of the MCU; and

15 (e) simultaneously monitoring the NVRAM toby means of the MCU, exporting the access record to a backup memory and informing the user.

2. The method of claim 1, wherein the access record of step (d) is exported to a NAS at will.

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3. The method of claim 1, further comprising exporting the access record in the NVRAM to a NAS when a used storage capacity of the NVRAM is greater than a setting value.

4. The method of claim 1, wherein the access record is exported to a NAS when backup timing is due.

5. The method of claim 1, wherein the access record between said host  
5 system and said client system is an operation timing, transfer access time or a combination thereof.

6. The method of claim 1, wherein the access record between said host  
system and said client system is IP address data, user identification data or a  
10 combination thereof.

7. The method of claim 1, wherein the NVRAM is the one selected from a  
group consisting of a flash memory, a floppy disk, a hard disk drive or a  
combination thereof.

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8. The method of claim 1, further comprising converting the access  
record between said host system and said client system according to different  
protocols.

20 9. The method of claim 1, further comprising recording the file data  
between said host system and said client system.

10. A method for storing an access record, applied in a network  
communication device connecting a host system with a client system, the

network communication device having a MCU and a NVRAM, said method comprising the steps of:

(a) writing boot-up time in the NVRAM by means of the MCU while booting said host system;

5 (b) acquiring a operation status between said host system and said client system by detecting file data passing with the MCU;

(c) writing login time in the NVRAM by means of the MCU when a user accesses said client system via said host system;

(d) writing the access record transmitted between said host system and  
10 said client system in the NVRAM by means of the MCU;

(e) simultaneously monitoring the NVRAM by means of the MCU, exporting the access record to a backup memory and informing the user; and

(f) exporting the access record in the NVRAM to a data storage media by means of the MCU, wherein the data storage media is connected to the network  
15 communication device and said client system via a network.

11. The method of claim 10, wherein the data storage media for storing the access record in step (f) is a NAS.

20 12. The method of claim 11, further comprising exporting the access record in the NVRAM to a NAS when a used storage capacity of the NVRAM is greater than a setting value.

13. The method of claim 11, wherein the access record is exported to a  
25 NAS when backup timing is due.

14. The method of claim 10, wherein the access record between said host system and said client system is an operation timing, transfer access time or a combination thereof.

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15. The method of claim 10, wherein the access record between said host system and said client system is IP address data, user identification data or a combination thereof.

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16. The method of claim 10, wherein the NVRAM is the one selected from a group consisting of a flash memory, a floppy disk, a hard disk drive or a combination thereof.

17. The method of claim 10, further comprising converting the access  
15 record between said host system and said client system according to different protocols.

18. The method of claim 10, further comprising recording the file data between said host system and said client system.